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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/686,758	10/15/2003	George K. Phillips	2024766-7036392001	8706
23410 Vista IP Law G	7590 04/05/2007		EXAMINER	
2040 MAIN ST	REET, 9TH FLOOR		2024766-7036392001 8706	
IRVINE, CA 92	2614	•	ART UNIT	PAPER NUMBER
	•		1774	
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SHORTENED STATUTOR	Y PERIOD OF RESPONSE	MAIL DATE	DELIVER	Y MODE
3 MONTHS		04/05/2007	PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

	Application No.	Applicant(s)	
	10/686,758	PHILLIPS ET AL.	
Office Action Summary	Examiner	Art Unit	······································
	Lawrence D. Ferguson	1774	
The MAILING DATE of this communic Period for Reply	ation appears on the cover sheet with	the correspondence address	•
A SHORTENED STATUTORY PERIOD FO WHICHEVER IS LONGER, FROM THE MA - Extensions of time may be available under the provisions of after SIX (6) MONTHS from the mailing date of this community of the provision of t	ALLING DATE OF THIS COMMUNICATION OF THIS COMMUNICATION OF THIS COMMUNICATION OF THE STREET OF THIS COMMUNICATION. AND	ATION. ly be timely filed AS from the mailing date of this communicat NDONED (35 U.S.C. § 133).	
Status			
1) Responsive to communication(s) filed	on		•
2a) This action is FINAL . 2b	o)⊠ This action is non-final.		
3) Since this application is in condition for	or allowance except for formal matter	s, prosecution as to the merits	is
closed in accordance with the practice	e under <i>Ex parte Quayle</i> , 1935 C.D.	11, 453 O.G. 213.	
Disposition of Claims			
4)⊠ Claim(s) 1-37 is/are pending in the ap 4a) Of the above claim(s) is/are 5)□ Claim(s) is/are allowed. 6)⊠ Claim(s) 1-37 is/are rejected. 7)□ Claim(s) is/are objected to. 8)□ Claim(s) are subject to restriction	e withdrawn from consideration.		
Application Papers			
9) ☐ The specification is objected to by the 10) ☑ The drawing(s) filed on 15 October 200 Applicant may not request that any objection Replacement drawing sheet(s) including the 11) ☐ The oath or declaration is objected to be	03 is/are: a)⊠ accepted or b)□ objoin to the drawing(s) be held in abeyance the correction is required if the drawing(s)	e. See 37 CFR 1.85(a). is objected to. See 37 CFR 1.121	
Priority under 35 U.S.C. § 119			
12) Acknowledgment is made of a claim for a) All b) Some * c) None of: 1. Certified copies of the priority do 2. Certified copies of the priority do 3. Copies of the certified copies of application from the International	ocuments have been received. ocuments have been received in App the priority documents have been re al Bureau (PCT Rule 17.2(a)).	olication No eceived in this National Stage	
A 44			
Attachment(s) 1) ☐ Notice of References Cited (PTO-892) 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTC (3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date 9/27/04;		Mail Date rmal Patent Application	

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DETAILED ACTION

Claim Rejections - 35 USC § 102(b)

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 2. Claims 1-5, 7, 9-13, 15-24, 26, 28-31, 33-37 are rejected under 35 U.S.C. 102(b) as being anticipated by Phillips (U.S. 5,772,248).

Phillips discloses a copy resistant security sheet (column 1, lines 8-12 and column 2, lines 34-39) comprising a substrate (11) made of paper, an overlay marker (reflective layer) (10) made of metallic reflective material and a diffusing projected marking (diffusing layer) (16) (column 10,lines 10-36 and column 4, lines 30-35 and Figures 1 and 5). The reflective layer has a reflectance of at least eighty percent (column 3, lines 45-50 and Figure 2). Figure 5 shows the reflective layer is non-black and the reflective elements have a rectilinear structure (column 5, lines 4-25). The image relief structure is a series of alpha-numeric characters to provide informational content to the contrasting visible image, where the latent image is hidden when an observer views the sheet at a certain angle (column 2, lines 50-53 and column 3, lines 45-50). It is inherent that the hidden message (bear information) of Phillips would be unreadable on a document copy.

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Claim Rejections – 35 USC § 103(a)

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

4. Claims 6, 8, 14, 25, 27, 32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Phillips (U.S. 5,772,248).

Phillips is cited for the same reasons previously discussed, which are incorporated herein and is relied upon for instant claims 1 and 20. Phillips does not disclose the reflective layer being disposed over the entirety of the substrate, the reflective elements being curvilinear or the font size of the reflective elements. It would have been an obvious matter of design choice to extend the reflective layer to cover the entire substrate and to change the shape of the reflective elements to curvilinear, since such a change in size and/or shape is generally recognized as being within the level of ordinary skill in the art. In re Rose, 105 USPQ 237 (CCPA 1995).

Conclusion

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lawrence Ferguson whose telephone number is 571-

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272-1522. The examiner can normally be reached on Monday through Friday 9:00 AM – 5:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rena Dye, can be reached on 571-272-3186. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

L. Ferguson Patent Examiner AU 1774

SUPERVISORY PATENT EXAMINER